

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/002702

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 C23F1/18 C23F3/06 H01L21/3213		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7 C23F H01L		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 392 100 A (ALFACHIMICI SPA) 22 December 1978 (1978-12-22)	1,6, 8-10, 12-14, 17,19
Y	example 1 example 1	2-5,7,11
X	GB 1 546 524 A (SHIPLEY CO) 23 May 1979 (1979-05-23) claims 1-6; examples 26-28	1,6,8-10
A	PATENT ABSTRACTS OF JAPAN vol. 0071, no. 67 (C-177), 22 July 1983 (1983-07-22) -& JP 58 073775 A (NIPPON PEROXIDE KK), 4 May 1983 (1983-05-04) abstract	1-11
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 48%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*Z* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search	Date of mailing of the international search report	
18 June 2004	28/06/2004	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016	Authorized officer  Torfs, F	

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	US 6 036 758 A (FAIRWEATHER WILLIAM A) 14 March 2000 (2000-03-14) cited in the application examples 1-8 -----	2-5,7
Y	DE 21 49 196 A (TOKAI ELECTRO CHEMICAL CO) 2 November 1972 (1972-11-02) cited in the application claims 1-5 -----	2-5,7
Y	EP 1 167 585 A (EBARA CORP) 2 January 2002 (2002-01-02) cited in the application column 6, line 46 - column 7, line 21; claim 12 -----	11
A	EP 0 926 265 A (ROHCO INC MCGEAN) 30 June 1999 (1999-06-30) cited in the application claim 1 -----	13
A	EP 1 167 482 A (JSR CORP ; TOKYO SHIBAURA ELECTRIC CO (JP)) 2 January 2002 (2002-01-02) cited in the application examples 2,8,9 -----	1-10
A	WO 98/15674 A (COLGAN SARAH JANE ; SANDERS NEIL JOSEPH (GB); MCDONOGH COLIN FREDERICK) 16 April 1998 (1998-04-16) -----	

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Information on patent family members

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